

discuss jointly the subject of hearing and aids to hearing, and the Section of Psychology with the Engineering Section will consider the application of science to traffic problems. Among the questions to come before the Section of Agriculture is that of the result of state control in agriculture. The association service on Sunday, September 8, will be held in the Cathedral, and it is understood that the Bishop of Norwich will preach the sermon.

THE WOODS HOLE MEETING OF THE GENETICS SOCIETY OF AMERICA

THE program of this year's meeting of the Genetics Society of America, to be held on Friday, August 23, and Saturday, August 24, will consist of round table conferences, demonstration papers and exhibits. In addition, a regular Marine Biological Laboratory evening lecture of interest to geneticists will be given during the meeting. Brief formal papers will not be presented. Round table conferences will consist of general discussions dealing with problems of broad interest. Each conference will be in charge of a leader, and the subject will be introduced by two speakers, each taking about 20 minutes. Demonstration papers (with the help of charts and experimental material) will constitute informal presentations of problems. They will be presented at a specified time. Exhibits will represent the material arranged so that it is self-explanatory. They will be open during the whole meeting and may be described during the presentation of demonstration papers. A limited number of microscopes will be available for demonstration and for exhibit purposes.

The Marine Biological Laboratory is offering to the society all available facilities for the meeting. Rooms

are available in private houses at prices of approximately \$1.00 to \$1.50 per day per person, or at special rates per week.

The program follows:

Thursday

8:00 P. M.—M.B.L. evening lecture by Dr. Ralph E. Cleland, Goucher College.

Friday

9:30 A. M.—Round table conference: "How Far Genetics Can Explain Ontogeny." Leader, A. H. Sturtevant; introducers, Curt Stern and J. L. Cartledge.

2:00 P. M.—Demonstration papers and exhibits.

6:00 P. M.—Clam Bake.

Saturday

9:30 A. M.—Round table conference. "Chromosomes and Their Relation to Genes." Leader, E. M. East; introducers, C. B. Bridges and Barbara McClintock.

2:00 P. M.—Demonstration papers and exhibits.

The regular winter meeting of the society will be held with the American Association for the Advancement of Science at St. Louis. At this meeting two round table conferences will be conducted, one dealing with "Species from a Genetic Viewpoint," with L. J. Stadler as leader and Th. Dobzhansky and J. Clausen as introducers, and the other dealing with "Genetics and Plant Breeding," with E. W. Lindstrom as a leader and H. K. Hayes as one of the introducers. In addition to the regular meeting at St. Louis, a branch meeting will be held at Princeton, together with the American Society of Zoologists, in order to accommodate the eastern members who are unable to attend the regular meeting.

SCIENTIFIC NOTES AND NEWS

At a recent meeting of the board of regents of the University of Michigan the board directed that the following resolutions, adopted by the Faculty of the Medical School, be spread upon the records of the Regents' meeting and that an official copy be furnished to Dr. Novy:

WHEREAS, Dr. Frederick George Novy has completed almost half a century of devoted and loyal service to this University and to our Medical School; and

WHEREAS, During this period of time Dr. Novy has attained an eminent place in science and has through his teaching and character exercised a profound influence in achieving and maintaining the high standards of the Medical School of the University of Michigan, and by his researches has contributed to the great reputation of this among other universities; be it

Resolved, That his colleagues of the Medical Faculty hereby convey to Dr. Novy their sense of deep obligation to him as a colleague and as a man; and be it further

Resolved, That the members of the Medical Faculty make known to the President and to the Regents of the University their great pride in Dr. Novy's achievements and their sincere regret that he will no longer be actively associated with them in the affairs of the Medical School.

DR. GEORGE R. MINOT, professor of medicine and director of the Thorndike Memorial Laboratory of the Boston City Hospital, and Dr. George H. Whipple, professor of pathology and dean of the School of Medicine and Dentistry of the University of Rochester, have been elected members of the Academy of Sciences at Halle.

DR. GEORGE C. SIMPSON, director of the Meteorological Office, London, has been elected a corresponding member of the Göttingen Academy of Sciences in the section for mathematical physics.

THE Emil Fischer Memorial Medal has been

awarded to Dr. Adolf Butenandt, professor of organic chemistry and technology at Danzig.

DR. WALTHER ROTH, professor of chemistry at the University of Braunschweig, has been awarded the Liebig Memorial Medal.

THE University of Dublin on July 5 conferred the following honorary degrees: D.Sc. on Professor Gilbert Thomas Morgan, director of the Chemical Research Laboratory at Teddington; the degree of Litt.D. on Sir Frederic George Kenyon, formerly director of the British Museum, and the degree of M.D. on Thomas Hugh Milroy, professor of physiology in Queen's University, Belfast, and on Sir Norman Walker, direct representative for Scotland on the General Medical Council.

DR. WILLIAM OTIS HOTCHKISS will assume the presidency of the Rensselaer Polytechnic Institute on September 1, succeeding the late Dr. Palmer Chamberlaine Ricketts, who died last December. Dr. Hotchkiss has been for the past ten years president of the Michigan College of Mining and Technology.

DR. NICHOLSON J. EASTMAN, formerly professor of obstetrics and gynecology at the Peiping Union Medical College, China, will assume the post of professor of obstetrics at the Johns Hopkins Medical School and obstetrician-in-chief at the Johns Hopkins Hospital on September 1. He succeeds Dr. John Whitridge Williams, who died in 1931.

DR. SIDNEY M. NEWHALL, a Sterling fellow engaged in research in the Institute of Human Relations of Yale University, will join the faculty of the Johns Hopkins University as a lecturer in the department of psychology.

DR. CHARLES BREASTED has been appointed assistant director of the Oriental Institute of the University of Chicago, of which Professor James H. Breasted is director, and Dr. John A. Wilson, assistant professor of Egyptology and secretary of the department of Oriental languages, has been made scientific secretary of the institute.

DR. WILHELM MAIER, formerly of the University of Frankfurt, for the last three years a member of the department of mathematics at Purdue University, has resigned to join the faculty of the University of Freiburg. Dr. Maier has been spending the summer in Germany.

At the University of London, the following appointments have been made: Dr. James Whillis, since 1923 lecturer in anatomy at the College of Medicine, Newcastle-on-Tyne, to be reader in anatomy (Guy's Hospital Medical School) as from October 1, and Dr. Jerzy Neyman, since 1927 lecturer in mathematical

statistics at the Central College of Agriculture, Warsaw, and also since 1928 head of the Biometric Laboratory, Nencki Institute, Warsaw, to be reader in statistics at University College.

At the University of Cambridge, G. L. Stagg, Trinity Hall, has been recommended for reappointment to the Joseph Hodges Choate memorial fellowship at Harvard University, and R. A. Lyttleton, Clare College, has been recommended for the Jane Eliza Procter visiting fellowship at Princeton University. The following university demonstrators have been appointed: F. R. Parrington, Sidney Sussex, zoology; Dr. R. Knox, Oxford, and Dr. G. B. McCulloch, Belfast, pathology.

DR. HALBERT L. DUNN, professor of biometry in the University of Minnesota Graduate School of Medicine and director of the University of Minnesota Hospitals, Minneapolis, has resigned to become chief statistician of vital statistics, in the Bureau of the Census.

Industrial and Engineering Chemistry reports that Dr. M. H. Haertel has been elected secretary-treasurer of the Wood Chemical Institute, Inc., which has established headquarters in Washington in the offices formerly occupied by the code authority. In so far as is practical the institute will continue the activities of the authority for the hardwood distillation industry.

THE Committee on Scientific Research of the American Medical Association has made a grant to Dr. Herbert F. Thurston, of Indianapolis, for the investigation of the effects of the x-ray on infections caused by *Bacillus Welchii*. This work will be done in the laboratories of the School of Medicine of Indiana University.

AN Associated Press dispatch reports that Dr. H. E. Hasseltine, senior surgeon of the U. S. Public Health Service, stationed at the Marine Hospital, San Francisco, is seriously ill from psittacosis, contracted while experimenting with serum for its treatment. Dr. Hasseltine recovered from an attack of the disease when working in Washington in 1931.

THE property of Dr. Friedrich Dessauer, formerly professor of physics and director of the Institution for Physical Elements of Medicine at Frankfurt, was recently confiscated by the Prussian State under the law for the seizure of property "inimical to people and state." The property consists of a balance of 41,000 marks at a Frankfurt bank. Dr. Dessauer, who is stated to be now in Constantinople, was a Parliamentary member of the Catholic Center Party and an adviser of Dr. Brüning in economic matters.

DR. JESSE MORE GREENMAN, professor in the Henry Shaw School of Botany of Washington University and

curator of the herbarium of the Missouri Botanical Garden, St. Louis, will attend the sixth International Botanical Congress to be held at Amsterdam, from September 2 to 7, as the official delegate of the Missouri Botanical Garden, the St. Louis Academy of Science and the Illinois State Academy of Science. Dr. Greenman, while in Europe, also will consult the herbaria at Copenhagen, Utrecht and Leyden.

PROFESSOR R. C. FUSON, professor of organic chemistry at the University of Illinois, has been granted a leave of absence for the first semester of 1935-1936. He sailed on August 11 for Europe, where he will visit various laboratories of organic chemistry in Germany, Austria and Italy.

DR. WILLIAM B. PORTER, professor of medicine, Medical College of Virginia, Richmond, is studying for two months in Puerto Rico the adjustment mechanisms occurring in the circulatory apparatus in chronic anemias associated with parasitic infections. He is giving a series of lectures and clinics while on the island.

THE following are official delegates of the United States to the sixth International Botanical Congress at Amsterdam, which will be held from September 2 to 7: Dr. Elmer Drew Merrill, chairman, director in chief of the New York Botanical Garden; Dr. Albert Francis Blakeslee, acting director of the Department of Genetics, Carnegie Institution, Washington, D. C.; Dr. G. H. Coons, principal pathologist, U. S. Department of Agriculture; T. P. Dykstra, assistant pathologist, U. S. Department of Agriculture; Dr. A. S. Hitchcock, principal botanist, U. S. Department of Agriculture; Ellsworth P. Killip, associate curator of plants, U. S. National Museum; Professor Walter F. Loehwing, department of botany, University of Iowa; B. Y. Morrison, principal horticulturist, U. S. Department of Agriculture, and Dr. Neil E. Stevens, senior pathologist, U. S. Department of Agriculture. The headquarters of the delegation will be at the Koloniaal Instituut, Amsterdam.

UNDER the auspices of the Oberländer Trust of the Carl Schurz Memorial Foundation, six foresters sailed on August 3 to study scientific methods in Germany. They plan to spend six months in Germany, Austria and Czecho-Slovakia, each making independently observations in his special field. The members of the group and their fields of inquiry are: W. N. Sparhawk, senior forest economist, U. S. Forest Service, "Social Relationships of Forestry"; L. F. Kneipp, head of the division of land, U. S. Forest Service, "Utilization of Forest for the Local Community"; E. E. Carter, assistant forester in charge of forest management, U. S. Forest Service, "The Economic Basis of Silviculture"; C. L. Forsling, director of

the Appalachian Forest Experimental Station, Asheville, N. C., "Technical Aspects of Forest Management, Transportation Systems, etc."; H. L. Shirley, associate silviculturist, Lake State Forest Experiment Station, U. S. Forest Service, St. Paul, Minn., "Seed Problems, Including Seed Certification," and Aldo Leopold, in charge of game research, University of Wisconsin College of Agriculture, "Game Management in Relation to Forestry."

THE twentieth annual meeting of the Optical Society of America will be held at the Franklin Institute, Philadelphia, on October 24, 25 and 26. The museum of the Franklin Institute has an unusually interesting set of exhibits in optics as well as other branches of science and the mechanic arts. Members and their guests registered at the meeting may visit the museum at any time during the meeting. A visit to the Fels Planetarium, which is housed in the same building, is an added attraction. In addition to the usual program of papers contributed by the members on their own initiative, the meeting will include the following special features: (1) A special program of invited papers on the microscope and microscopy and (2) the presentation of the Frederic Ives Medal for 1935 at the annual dinner of the society. Non-members who desire to receive the advance program, final notices or other information in regard to the meeting, should address their requests to L. B. Tuckerman, secretary, Optical Society of America, National Bureau of Standards, Washington, D. C., not later than October 1.

THE 1935 conference on "Cooperative Meat Investigations" was held from July 25 to 27 at Chicago. It was attended by representatives of seventeen state agricultural experiment stations, three bureaus and the Office of Experiment Stations of the U. S. Department of Agriculture, the University of Chicago, and the livestock and meat industry. Officers of the conference were elected as follows: *Chairman*, Dean W. C. Coffey, College of Agriculture, University of Minnesota; *Vice-chairman*, Dr. P. F. Trowbridge, North Dakota Agricultural Experiment Station, Fargo; *Secretary*, Dr. Hugh C. McPhee, chief of the Animal Husbandry Division, Bureau of Animal Industry, U. S. Department of Agriculture.

THE tenth International Congress of the History of Medicine, to be held at Madrid from September 23 to 29, will include, according to *The British Medical Journal*, visits to Toledo, where the congress will be opened by the President of the Spanish Republic, the Escorial, the Silos and Guadalupe monasteries, receptions in Madrid itself, and an exhibition of manuscripts, books and instruments of medico-historical interest. The chair at the scientific meetings will be

taken in succession by Professors A. Capparoni of Padua, A. de Silva Carvalho of Lisbon, Victor Gomoiu of Bucarest, Laignel Lavastine of Paris, Sir Humphry Rolleston, the British delegate, and Professor G. Marañón, the president of the congress. The Royal Society of Medicine will be represented by Dr. J. D. Rolleston and Dr. J. F. Halls Dally, and the University of Edinburgh by Dr. John Comrie.

AN International Congress for the Scientific Study of Population Problems will be held in Berlin from August 26 to September 1, and will deal more particularly with births, racial hygiene and the protection and maintenance of life. Papers will also be read on statistical inquiries; social, economic and psychological topics affecting the community, and general questions relating to medicine, hygiene and anthropology.

THE London *Times* reports that a British Speleological Association was formed at a meeting at Derby on July 27 attended by representatives from the five principal areas in which caves are situated—Yorkshire and Lancashire, Derbyshire and Staffordshire, Somerset, Devon, North and South Wales and Ireland. Professor L. S. Palmer, of Hull University College, who was elected chairman, said that the present state of speleology was not satisfactory, and that it was important that its every phase, whether as a sport or in its hydrological, geological, geographical or biological aspects, should be developed in the best possible way. There was much overlapping and duplication, and such progress was not possible as could be obtained if all the interests were coordinated and all information widely circulated from some central clearing-house. It would be the object of the association to achieve those ends. The decision to inaugurate the association was taken on the motion of E. Simpson, Austwick, Lancaster, seconded by Dr. R. G. S. Hudson, of the University of Leeds. Sir Arthur Keith is to be invited to become president.

THE trustees of the Cranbrook Institute of Science, Bloomfield Hills, Mich., announce eight grants in aid of research, the results of which will be published by the institute. These are: Marjorie T. Bingham, "The Plant Ecology of Oakland County, Michigan" (renewal), \$200; Edward T. Boardman, "Cyclic Fluctuations in the Populations of Parasites of Mammals" (renewal), \$250; W. H. Burt, "The Resident Birds of Southern Michigan," \$300; Robert T. Hatt, "Life History Studies of Local Mammals," \$250; Carl L. Hubbs, "Minnows of Southern Michigan," \$300; Adolph Murie, "Natural History of the Red Fox in Southern Michigan," \$100; George M. Stanley, "The Geology of Oakland County, Mich., and the George Reserve" (renewal), \$300, and George M. Sutton,

"Studies on the Sparrows of Southern Michigan" (renewal), \$300.

NEW YORK UNIVERSITY has since March received for support of work in the Medical College the following gifts: the Carnegie Corporation of New York, \$8,750; the Rockefeller Foundation, \$1,000 for salaries of visiting teachers; \$1,250 for research in neurology under Dr. Foster Kennedy; Georgia Warm Springs Foundation for research on poliomyelitis under Dr. William H. Park; other donors, \$2,160.47; Bernard M. Baruch, \$3,092.93 for studies on pneumonia under Dr. Milton B. Rosenbluth; International Cancer Research Foundation, \$1,500 for research in cancer under Dr. Robert Chambers, Washington Square College, New York University; E. R. Squibb and Sons, \$1,250 for a fellowship in the department of surgery, and Mrs. Alfred F. Hess, \$1,000 to establish the Alfred F. Hess Nutrition Fund under direction of Dr. Jacques M. Lewis.

THE U. S. Civil Service Commission announces an open competitive examination for the position of chief explosives chemist at a salary of \$5,600 a year. At present there is a vacancy in this position in the Bureau of Mines with headquarters at the Pittsburgh Experiment Station, which will be filled as the result of this examination. The work under general administrative direction, with wide latitude for independent or unreviewed action or decision, is to administer and direct the work of the Explosives Division of the Bureau of Mines at the Pittsburgh Experiment Station at Pittsburgh, Pa., and the Explosives Experiment Station at Bruceton, Pa., near Pittsburgh; to plan, carry out and report upon chemical and physical tests of permissibility of commercial explosives for use in mines and quarries, research relating to the safe and efficient use of explosives in the mineral industries, including studies of the mechanism of ignition of gas and dust explosions from the use of explosives and research on the inflammable limits of gases and the ignition and propagation of explosions in gas mixtures. Competitors will not be required to report for examination at any place, but will be rated on their education and experience on a scale of 100, such ratings being based upon competitors' sworn statements in their applications and upon corroborative evidence.

THE Secretary of State for Scotland announces that the office of regius professor of zoology in the University of Glasgow will become vacant on October 1 next owing to the resignation of Professor John Graham Kerr. Applications for the chair, accompanied by two copies of recent testimonials, should be addressed to the Private Secretary, Scottish Office, Whitehall, London.